

Y-12's John M. Googin To Receive E. O. Lawrence Memorial Award

Spring Dance At Oak Terrace Set For Y-12

Ticket-selling for the April 7 Spring Dance has begun in earnest in the plant.

Mary Wayne White, Maintenance, announces that Frances Donahue, Joe Bratton, Madge Keck and Naomi Hart have been enlisted to promote the big dance.

In the Fabrication Division, Frank Broome has assigned Joe Ryan and Bob Bohanan tickets in 9212; Bruce Dyer in 9201-5 and 9204-2; Spence Ferguson in 9204-4 and Charles Kuykendahl in 9201-1.

Bobbie Hill, Materials and Services, has put Margaret Damron and Shirley Humphrey on her ticket-selling committee.

Something different will be added to this year's big Spring Dance, as intermission entertainment (?) from the plant is in the planning stages.

Tickets are only \$1.50 per head for the big event, and door prizes are already being selected. They will be listed later.

Alan Atkins and his fine orchestra will perform the tunes for the dance. Dancing will begin Friday, April 7, at 9 p.m. and go until 1 a.m. The scene is the Oak Terrace Ballroom, Oak Ridge.

"Swing with Spring" is the theme of the festival.

Friday, April 7, is only two weeks from this coming Friday. That doesn't leave you girls too much time to select what you will wear. (A Big Decision!)

Anyhow, and anyway, it's time now to mark the calendar with the red pencil and plan to be out for the festivities.

More ticket-sellers will be announced next week.

The decorating, publicity and entertainment committees are working their heads in unison to come up with a lively dance. The rest is up to you . . . so plan now to "be there and be present!"

Friday Is Holiday For Y-12 Plant

Friday, March 24, is an official holiday for Y-12ers. The actual date of the crucifixion is set by the Roman Catholic Church as April 7, 30 A.D.

Good Friday, the beginning of Passover, is determined by the Jewish Calendar, and is celebrated on the 14th day of Nisan. It is celebrated as that time when God smote the first-born of the Egyptians, and the Hebrews were spared by the lamb's blood on the door.

No employee will be required to work Friday, except those whose presence is required for the protection or continuous operation of the plant.

PLAY IT COOL

The latest appliance on the market is a combination record player and air conditioner. It's designed for people who like to play it cool.



DR. J. M. GOOGIN, TECHNICAL ASSISTANT to the Y-12 Plant Superintendent, has been selected as one of the five winners of the 1967 E. O. Lawrence Memorial Award for recent meritorious contributions in the field of atomic energy. The equipment shown here is an induction furnace in one of the plant's developmental laboratories.

Congratulations

"I am gratified to see Dr. Googin honored by selection for the E. O. Lawrence Award. This distinction affords public recognition to this very deserving scientist who, because of classification restrictions, has not been free to submit many of his outstanding accomplishments to technical journals for publication in the traditional manner."

Dr. C. E. Larson
President
Nuclear Division
Union Carbide Corporation

"The recognition given Dr. Googin's contributions to the atomic energy program through his selection for the E. O. Lawrence Award makes me very happy. Those of us who have known and worked with John through the years have been well aware of his superior ability. This public acknowledgement of his work is a well-deserved honor."

R. F. Hibbs
Y-12 Plant Superintendent

"We of the Development Division are very proud that Dr. Googin has been recognized by his selection for the E. O. Lawrence Award for his technical excellence and his many major contributions to the atomic energy programs. John works with wholehearted devotion for Y-12, his country, and the betterment of humanity."

W. K. Whitson Jr.
Superintendent
Development Division

Award Honors Educator And Noted Physicist

Dr. Glenn T. Seaborg, Chairman of the Atomic Energy Commission, has announced that five young United States nuclear scientists have been selected to receive the Ernest Orlando Lawrence Memorial Award for 1967.

The five scientists are being honored for recent meritorious contributions in the field of atomic energy. Each will receive a cash award of \$5,000, along with a gold medal and a citation.

Those who will receive the award are:

Dr. Mortimer M. Elkind, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.

Dr. John M. Googin, Technical Assistant to the Plant Superintendent, Y-12, Union Carbide Nuclear Division, Oak Ridge, Tennessee.

Dr. Ailan F. Henry, Manager of Reactor Theory, Bettis Atomic Power Laboratory, Westinghouse, Pittsburgh, Pennsylvania.

Dr. John O. Rasmussen, Senior Staff Member, Lawrence Radiation Laboratory, Professor at University of California, Berkeley.

Dr. Robert N. Thorn, Group Leader in the Theoretical Division, Los Alamos Scientific Laboratory, Los Alamos, New Mexico.

To Be Given In April

The award, made by the Commission upon the recommendation of its General Advisory Committee and with the approval of the President, will be presented at 4 p.m., Thursday, April 27, at the Carnegie Institution Auditorium, 1530 P Street, Washington, D.C.

This is the eighth year that five scientists have been named to receive the award, beginning in 1960. The award was established by the AEC in December, 1959, to perpetuate the memory of the late Dr. Ernest O. Lawrence, inventor of the cyclotron and Director of the Radiation Laboratory at Berkeley and Livermore. (Y-12 was built for the U.S. Army Corps of Engineers to separate the fissionable isotope of uranium by the electromagnetic process developed by Lawrence.) The laboratory now bears his name and is operated under contract for the Commission by the University of California.

Authorized under Section 157b. (3) of the 1954 Atomic Energy Act, the award is made to not more than five recipients in any one year in the amount of not less than \$5,000 each and not more than a total of \$25,000. It is made in the spring of the year to men and women not more than 45 years of age who are citizens of the United States and who have made recent, especially meritorious contributions to the development, use, or control of atomic energy in areas of all sciences related to atomic energy, including medicine and engineering.

NEEDS OF MAN

Every man needs a wife. There are too many things that go wrong that one cannot blame on the government.



John Melvin Googin

Well-Known Y-12 Scientist Is Active Man

Y-12's "man-of-the-hour" John Melvin Googin was born in Lewiston, Maine. He received his BS degree in chemistry from Bates College there in 1944 and a PhD in physical chemistry from the University of Tennessee in 1953. He was employed as a chemist in 1944 at Y-12 by Tennessee Eastman Corporation and continued with Union Carbide Corporation when UCC became the operating contractor in 1947.

Dr. Googin has achieved a distinguished record for his leadership and work on the development of production processes at Y-12 for the separation of many materials of great importance to the nuclear energy program.

His specific contributions include: development of a production process for hafnium-free zirconium; development and application of many new techniques for metal-working to meet the demanding requirements of the weapons program; development of a much improved process for lithium isotope separation; development of improved techniques for enriched uranium recovery; research and development to enable production of improved fuel elements for nuclear-powered rocket applications. He has had several patents issued to him and has a substantial record of publications. Dr. Googin is currently the Technical Assistant to the Y-12 Plant Superintendent here.

'Trouble Shooter'

His abilities perhaps could best

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated Seven Days Or 206,000 Man-Hours (Unofficial Estimate) Through March 19 Without A Disabling Injury

Working Safely Is Very Smart Business

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member



Appalachian
Industrial
Editors'
Association

American Association Industrial Editors

OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37830
Bldg. 9704-2 Room 137
Telephone 3-7100

Clydes Bowles Is Widely Mourned

Almost everyone in the plant knew Clyde Bowles, not because he had been here so long, but because he was the kind of man you get to know. Mr. Bowles died Saturday, March 11, from an apparent heart attack. He came to Y-12 back in the early days of 1943, and carried one of the lowest badges in the plant . . . number 272.

Mr. Bowles was in the Product Engineering Department. Previously he had been with the Tennessee Valley Authority, and the Tennessee Forestry Division. He was a graduate of the University of Tennessee, receiving his BS degree there in 1933. Mr. Bowles was born in Greenville.

He is survived by his wife, Mrs. Eloise Bowles, 962 West Outer Drive, Oak Ridge; a son, Jay, with the Associated Press in Chattanooga; a daughter, Mrs. Leon Newton, and two grandchildren, Oak Ridge; and a sister, Mrs. R. A. Wallace, Knoxville.

Funeral services were held Tuesday, March 14, at the Martin Funeral Home with the Reverend Alexander Stuart officiating. Mr. Bowles was active in the First United Presbyterian Church. He was also active in other civic organizations, and was Disaster Charman of the American Red Cross at the time of his death. Interment followed in the Jarnagin Cemetery in Morristown.

Many fellow workers and friends in Y-12 served as pallbearers and honorary escorts at the services last week.

Sympathy is extended to the Bowles family. Their grief may be lightened by the knowledge that it is so widely shared.

Second Lost-Time Mishap Follows 3 Days After 1st

Y-12 suffered its second lost-time accident of the year within three days of its first.

An employee in the Development Division was working with metallic powder of a pyrophoric nature. There was a flash, and the employee sustained second and third degree burns on his neck, face, arms, hands, and upper chest. His injury will require hospitalization of an undetermined length. Latest reports are that he is improving.

The accident on Sunday, March 12, brought to an end a length of accident-free time of only three days.

TAT Project Graduates 23 Welders In First Commencement

Urgent Demand For Skills Cited In Labor Fields

The Training and Technology project saw its first graduates Friday, March 10. A total of 23 welding trainees became the first graduates of the TAT project.

Industry is in the midst of a technological explosion that has created an urgent demand for workers in the skilled crafts and technical fields, the graduates were told by Thomas E. Lane, general manager for industrial relations of the Nuclear Division.

The TAT program, according to Lane, is helping to meet this need.

William R. Ramsay, head of the Resource Development Office of Oak Ridge Associated Universities, one of the project's operating organizations, pointed out that the project was conceived to explore new ways of utilizing existing industrial equipment, personnel and experience in meeting the area's needs for trained workers. "We want to build a system that will continue in Oak Ridge and one that will set new patterns elsewhere," he stated.

'Third Milestone'

Wendell H. Russell, TAT project director, said the graduation of the first welding class marked the third milestone in the project which got underway last June. The first was the joining together of 12 governmental and private organizations to undertake the experimental project, and the second was the successful operation last summer of the first in-service institute for 60 vocational and technical teachers from 10 southeastern states.

Russell added that approximately 10 large industrial concerns have conducted or scheduled employment interviews with the welding graduates.

Waters Gives Certificates

Certificates were presented to the graduating trainees by J. Leo Waters, Y-12 program manager for the project. Trainees were certified under American Society of Mechanical Engineers standards by Y-12 certification personnel. Training was conducted in shielded metal arc welding, both plate and pipe, and in gas tungsten welding. Studies also included shop mathematics, communications, physical science, welding processes, welding metallurgy and blueprint welding.

The training supervisor for the



A TOTAL OF 23 WELDING TRAINEES graduate from the first TAT Project course on March 10. Approximately 10 large industrial firms have shown interest in the graduates. The men were trained in shielded metal arc welding, both plate and pipe and in gas tungsten welding. Instructors were Ken E. Lewis and B. G. Cross.

TAT welding and physical testing programs is Bill Lanter, Y-12's Metallurgical Services Laboratory. Welding instructors are Ken E. Lewis and B. G. Cross.

In addition to welding the project is conducting advanced level worker training in mechanical design drafting, physical testing, machining, electronics and scientific glassblowing. All training courses except welding are 52-week programs.

Graduates Listed

Those receiving welding certificates in the March 10 exercises were Billy P. Ausmus, Cumberland Gap; Ronnie M. Brabson, Knoxville; Vernon C. Cansler, Harriman; Cecil R. Coffey, Oak Ridge; Herman A. Duncan, Oliver Springs; Philip M. Helton, Oak Ridge; James E. Hensley, Lenoir City; Vernon E. Hill, Alcoa; Larry Johnson, Knoxville; Larry T. Kitchen, Knoxville; James L. Layne, Knoxville; William W. Layne, Oliver Springs; James Lindsay, Clinton; Harold T. Martin, New Market; John McMillan, Lake City; Timothy L. Overton, Clinton; Kenneth E. Pride, Oliver Springs; Charles L. Shelton, Knoxville; James H. Stooksbury, Oliver Springs; William E. Warwick, Powell; Sanford T. Webster, Oliver Springs; William B. Wil-



J. LEO WATERS, Y-12 PROGRAM MANAGER for the TAT project, presents the 'diplomas' to the project's first graduating class. Trainees in this particular welding course were certified under the American Society of Mechanical Engineers standards. Training supervisor for the welding and physical testing programs is Bill Lanter.

son, Clinton; and Millard H. Wright Jr., LaFollette.

The project also conducts in-service and pre-service teacher training programs under the Department of Industrial Education of the University of Tennessee in cooperation with Union Carbide and ORAU. TAT is supported by the U.S. Department of Labor and the U.S. Office of Education through Interagency agreements with the U.S. Atomic Energy Commission.

Union Carbide Sets Annual Meet In April

The annual meeting of the stockholders of Union Carbide Corporation is set for Tuesday, April 26, at 11 a.m. in the Hunter College Assembly Hall in New York City.

During the previous year, Union Carbide welcomed some 8,000 new stockholders, bringing the total to approximately 131,000.

WAR ON POVERTY

Our grandmothers fought poverty . . . by smothering it with corn meal, so you couldn't recognize it.



Two riders wanted from South and West Knoxville, via Solway, to East or North Knoxville, straight day. W. H. Sherrod, plant phone 3-5363, home phone Knoxville 577-0295.

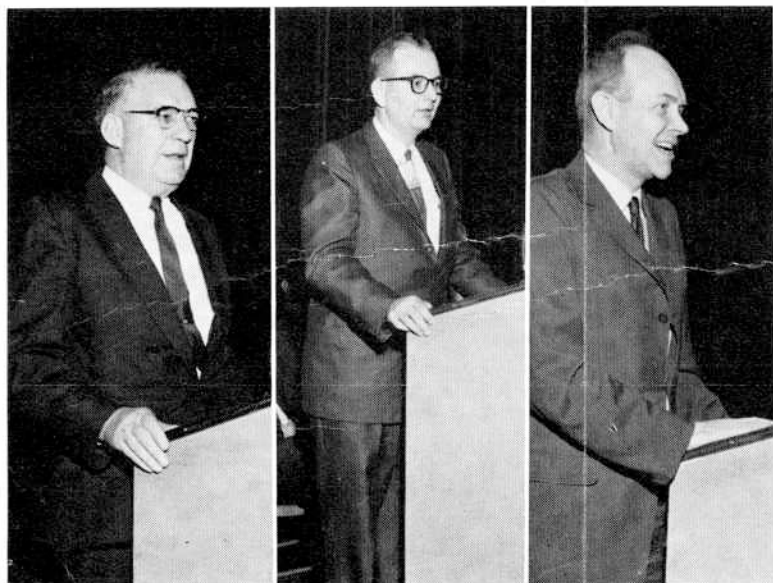
Ohio States' Nielsen Is Thernuclear Guest

Carl Nielsen, Ohio State University, will be a guest speaker at this week's Thernuclear Division seminar. His subject will be "Recent Observation of the High Pressure Arc."

The seminar is set for Thursday, March 23, at 9 a.m. in the T.D. Conference Room, Building 9201-2.

KNOWLEDGE VS. WISDOM

Knowledge is knowing that fire will burn. Wisdom is remembering the blister.



BRIEF CONGRATULATIONS were given by T. E. Lane, left, general manager for industrial relations, Union Carbide Corporation, Nuclear Division; H. G. P. Snyder, Y-12 Industrial Relations Superintendent, and J. Leo Waters, program manager for the TAT operation.



JIM SCHREYER, CHEMISTRY DEVELOPMENT, says Penny, their St. Bernard, is a "lot of dog." The Duchess Penelope of Oak Ridge is only 17 months old but weighs a healthy 160 pounds. She eats four cans of dog-food twice a day, according to Schreyer, and he hastily adds, "that's the expensive kind, too." Does a St. Bernard make a good house dog? Penny actually thinks she's a lap dog, Schreyer grins.

Beavers And Sports Tied In Volleyball

The Volleyball League decided to "double-up" and finish league play ahead of schedule. They now play on Tuesday and Thursday.

Last Tuesday's play began as the Beavers belted the Eagles 15-5, 15-4, 15-6 and 15-8. The K-25 Sports shellacked the Mix-Ups 15-4, 15-9, 15-12 and 15-9. The Tigercats took four from the Ecobums 15-3, 15-8, 15-8, and 15-13.

On Court B the Scrubs scrubbed the Set-Ups 15-12, 16-14, 15-4 and 15-13. The Neophytes nailed the Beagles 15-1, 15-1, 15-3 and 15-2. The Old Men ousted the Charley Browns 15-1, 15-3, 15-5 and 15-3.

Thursday saw the Tigercats tearing games away from the Neophytes 15-2, 15-4, 15-3, 15-5. The Eagles won three from the Ecobums 15-3, 15-3, 15-2. The 'Bums took game two 15-11. The Set-Ups scored four from the Beagles by forfeit.

On Court B the Mix-Ups mauled the Charley Browns 15-11, 15-11, 15-11 and 16-14. The Beavers belted the Old Men 15-4, 15-4, 15-7 and 15-9. The K-25 Sports sailed past the Scrubs 15-12, 15-12 and 15-7. The Scrubs took game three 15-10.

League standings follow:

Team	W	L
K-25 Sports	15	1
Beavers, Y-12	15	1
Scrubs, ORNL	13	3
Tigercats, ORNL	12	4
Set-Ups, ORNL	10	6
Mix-Ups, K-25	7	9
Eagles, Y-12	6	10
Old Men, ORNL	6	10
Neophytes, Y-12	5	11
Ecobums, ORNL	4	12
Beagles, ORNL	1	15
Charley Browns, ORNL	1	15

GOOD PLACE TO EAT

A fellow we know says his wife is such a good cook, he came home the other night and three or four truck-drivers were eating at his house!

Recreation



Friday, March 24

GOOD FRIDAY, Holiday for Y-12.

Saturday, March 25

CRAPPIE CARNIVAL: 6 a.m. to 10, registration. E, F, G, H and J shifts. All Y-12ers welcome. Blue Springs Boat Dock, Watts Bar Lake.

Monday, March 27

BOWLING: 5:45 p.m., C League, Ark Lanes.

TABLE TENNIS: 7 p.m., Wildcat's Den.

Tuesday, March 28

VOLLEYBALL: Beginning 6:30 p.m., Robertsville Junior High School Gym. Court A: Neophytes vs. Eagles; Set-Ups vs. K-25 Sports; Tigers vs. Old Men. Court B: Beagles vs. Charley Browns; Ecobums vs. Mix-Ups; Scrubs vs. Beavers.

PHYSICAL FITNESS: (For Men) 7:30 p.m., Oak Ridge High School Gym.

Wednesday, March 29

CARBIDE RIFLE LEAGUE: 7 p.m., Clinton Rifle Range.

BADMINTON: 7:30 p.m., Jefferson Junior High School Gym.

BOWLING: 8 p.m., Mixed League, Ark Lanes.

Thursday, March 30

VOLLEYBALL: Beginning 6:30 p.m., Robertsville Junior High School Gym. Court A: Ecobums vs. Old Men; Scrubs vs. Charley Browns; Beavers vs. Mix-Ups. Court B: Beagles vs. K-25 Sports; Neophytes vs. Set-Ups; Tigers vs. Eagles.

BOWLING: 5:45 p.m., Classic League, Ark Lanes.

Friday, April 7

SPRING DANCE: 9 p.m., Oak Terrace Ballroom. Circle the calendar now!

VIP's Clean Slate Ends Basketball

The VIP's became undisputed champions of the Basketball League last week . . . winners of the first half of league action, ditto in the second half . . . with no losses to their credit at all!

Last week's fighting began as the Celtics, K-25, rode over the Radioisotopes 45 to 36. Bill Schellinger led the mighty K team with 16 points, Ralph Clough caught 10. Radioisotopically it was Joe Crunk with 13 through the basket.

The Bombers won an easy one in the second game Monday, 2 to 0 over the Braves by forfeit.

The B bar R team clamped down on the Collegians 41 to 35 in final play Monday. John Williamson led the "bar" team with 16 through the bucket . . . Jerry Prudom scored 13 for the losers.

Final sessions began Wednesday as the Has Beens handed the Bat Boys a defeat to the tune of 48 to 35. Curtis McGinnis, playing under the handicap of four fouls in most of the last half, scored 22 big points for the winners. Dave Hendrickson led the Boys with 16 . . . and Romeo Green was up there with 15.

The VIP's wrote "finis" on their sterling career for the year by tearing at the Radioisotopes 56 to 48. Larry Finch was hot as a ball of fire but it took 14 of 15 foul shots in the last quarter for the VIP's to finally wrap it up. Finch led scoring with 24 points.

The Celtics cinched the last victory of 1966-67 season by downing the Ecobums 52 to 49. The game rocked back and forth with one then the other leading the attack. The Celtics hung on at the end for a close victory. Churchill Moore took top honors for the winners with 15; Homer Tucker scored 11 for the losers.

Final standings follow:

Team	W	L
VIP's, ORNL	9	0
Bombers, ORNL	8	1
Radioisotopes, ORNL	6	3
Ecobums, ORNL	5	4
B bar R's, ORNL	4	5
Has Beens, ORNL	4	5
Celtics, K-25	4	5
Collegians, Y-12	2	7
Braves, Y-12	2	7
Bat Boys, Y-12	1	8

A play-off for second-place will be necessitated due to a tie in the first half. The Bombers won second place in the second half, but tied with the Radioisotopes for first half honors. If the R.I. team wins the first game, another one will have to be played to see who is unquestionably the second-place crown-wearers. (Is that all clear?)

Saturday Big Day For Y-12 Anglers

Saturday's the big day for E, F, G, H and J shiftfolks as they plan a big Spring Crappie Carnival. Registrations will be taken from 6 until 10 a.m. Saturday, March 25, at the Blue Springs Boat Dock, Watts Bar Lake.

Entries and awards will be made on crappie only.

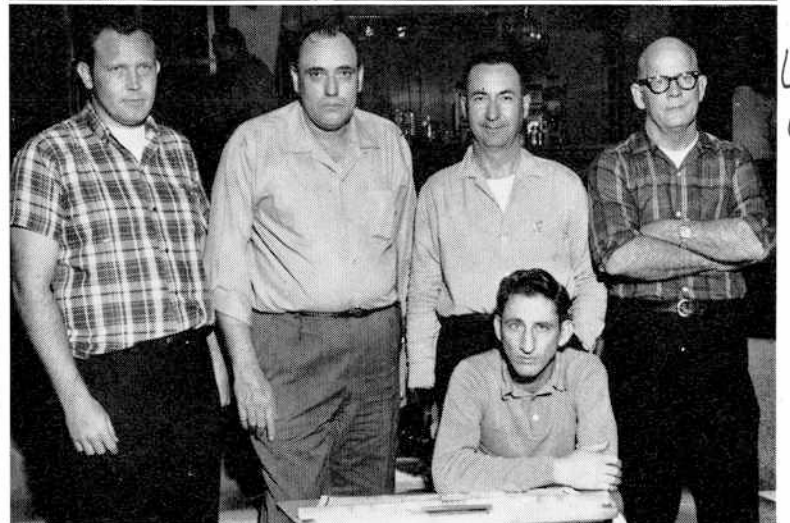
All Y-12ers and their families are invited to participate in the big event, the shifters say.

There will be 10 big fish awards and a dock prize awaiting Saturday.

Awards will be distributed immediately after the 5 p.m. deadline, and winners must be present to qualify for a prize.

Reservations for boats may be made by calling the Blue Springs Boat Dock, Kingston telephone 376-7298.

The crappie are running according to anglers' news, and Saturday should be a big day for Y-12 fishermen.



THE ROLLMASTERS AND ROYAL FLUSH make stiff competition for fellow teammates in the C Bowling League. At top are the Rollmasters . . . front row from left Jack Gamble, Jim Cole. Back row: Frank Winstead, Charley Myers and Don Stinnett. The lower photo shows the Royal Flush . . . Paul Hatmaker, Dave Woody, Elbert Scott, R. B. Amos, with M. L. Cooper, seated.

Badgers Beat Strikers For Full Count To Command 3-Point Lead On C Alley

The Badgers seem to like the lead in the C Bowling League. They stamped four points out of the hides of the Strikers last week. The only other sweep saw the HiLifers hie past the Parbustlers.

Taking three were the Rounders 'round the Royal Flush, the Big Five by the Sunflowers and the Rodders 'round the Rollmast-

ers. The Fireballs and Invalids shared two points each.

Bill Sise, Big Five, belted out scores of 226 scratch, 249 handicap in singles (edging by teammate Joe Pryson with a 225 scratch game and 593 scratch series) . . . 603 scratch, 672 handicap in series counting.

The Big Five, naturally, swept team honors . . . singles of 934 scratch, 1047 handicap . . . series of 2582 and 2927.

League standings follow:

Team	W	L
Badgers	26	10
Rounders	23	13
Big Five	22	14
HiLifers	21½	14½
Strikers	20	16
Fireballs	20	16
Rodders	16	20
Sunflowers	15	21
Royal Flush	15	21
Invalids	14	22
Parbustlers	12	24
Rollmasters	11½	24½

First Volley Set By Riflers Tonight

The Carbide Rifle League begins initial firings tonight, Wednesday, March 22. The shoot-outs are slated for 7 p.m. at the Clinton Rifle Range.

Additional information about getting in the leagues may be obtained from Jack Huff, extension 3-5403.

Sports Activities Are Slowed By Holiday

All badminton and volleyball games are cancelled tomorrow, Thursday, March 23, because of Friday's holiday.

There will be no women's physical fitness classes Monday, March 27, due to the gymnasium being unavailable at that time.

Mixed Bowlers See Mustangs In Lead

The Mustangs kept their one-point lead in the Mixed Bowling League last week by a three-point win over the Rollers. The Hits & Misses stayed in second place with a similar win over the Twisters. The Roses 'N Thorns took a like win over the Novices. The Alley Cats and Goofers shared two points.

Roy Scates, Mustangs, rolled a 212 scratch game; Spence Ferguson, Twisters, posted a 238 handicap single. Scates' series were high . . . scratch of 550, handicap of 607. Irene Carmack, Mustangs, mustered a 168 scratch single; Dessie Worley, Roses 'N Thorns, rolled a 210 handicap game. Irene's series of 473 scratch, 590 handicap were high.

The Mustangs swept team honors . . . singles of 689 scratch, 811 handicap . . . series of 1919 scratch, 2285 handicap.

League standings follow:

Team	W	L
Mustangs	28	16
Hits & Misses	27	17
Goofers	24	20
Roses 'N Thorns	23	21
Rollers	22	22
Twisters	20	24
Alley Cats	18	26
Novices	14	30



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

(RETURN REQUESTED)

BULK RATE
U.S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

Award To Go To Five Scientists

Five nuclear scientists have been selected to receive the Ernest Orlando Lawrence Memorial Award for 1967. They are:

Mortimer M. Elkind

For his outstanding contributions to radiobiology and the understanding of cellular recovery from radiation injury.

John M. Googin

For his outstanding contributions in the technological developments of processes for hafnium-zirconium and lithium isotope separations.

Allan F. Henry

For his many original and important contributions to the physics of water reactors and the theory of reactor kinetics, and their application to the development of pressurized water reactors for naval and land-based nuclear power systems.

John O. Rasmussen

For his outstanding contributions to the better understanding of nuclear structure by his imaginative experimental and theoretical studies of thermonuclear weapon design, for his outstanding performance in adapting results of theoretical studies to practical device designs, and for his investigations of the effects and particular requirements of our defensive nuclear weapons.

Googin

Continued from Page 1
be described as "scientific trouble-shooting," or the unique ability to blend and coordinate basic research, process development and plant operations into a moving force to meet objectives and schedules. He excels in formulating the necessary transition of processes from the laboratory to production operations for a complex chemical and metallurgical plant.

Googin is a member of the American Association for Advancement of Science, American Chemical Society, and Research Society of America. He has been active in educational circles, serving as President, Parent Teachers Association, and in the College of Oak Ridge. He is extremely active in the Unitarian Church, having served as president of the board of trustees.

Wife Is Former Y-12er

Mrs. Googin is the former Janet Horn, who once worked as a medical technician in Y-12's Medical Department. The couple was married March 19, 1949. They live at 111 Orkney Road, Oak Ridge, and have four daughters, Jacqueline, Diane, Laura and Roxane.

Googin served as a delegate representing the AEC at the 29th Information Conference on Industrial Chemistry in Paris in 1956. The Y-12 scientist will go to Washington April 27 to receive his medal and citation.

The entire plant couldn't be prouder.



A WELL-KNOWN face at any Y-12 function is Johnny Googin, seen above purchasing tickets for a Y-12 Dance. His camera, glass of milk, and pleasant New England brogue are usually in evidence when Y-12ers get together. The dedicated scientist, when not at work, is a devoted family man, and extremely active in his church and community.

Are You Content The Way We 'Honor' Here?

Plato, more than 2,300 years ago, stated: "What is honored in the country is cultivated there." Take this country, for instance. A hack TV comic is paid \$10,000 for a 10-minute guest appearance... an outstanding brain surgeon averages \$900 for a six-hour operation.

A boxer recently made \$1 million in one year... fighting with padded gloves... an infantryman makes \$2,015 a year fighting for his country under live ammunition! A youngster took in \$500,000 last year for rock 'n' roll tunes... the man who wrote the National Anthem didn't yet 10 cents for his efforts.

A football rookie who had yet to play a pro game signed a contract for \$500,000... our top astronauts who have clocked the most time in space get \$15,886 a year. A comic strip artist makes \$150,000 a year for his nonsense... a most distinguished professor at Harvard gets \$28,000 a year for his efforts.

Are you content with the way we "honor" in this country? (Adapted from Newsweek.)

There is a safe way; Do it that way.

Table Tennis Face Play-Off Tilts

The K Table Tennis League will feature a round robin play-off among the top four ping-pongers... Francois Kertesz, Joe Lewin and Y-12ers Winfred Collins and Ed Isham. A correction in standings gave Isham a three-game win over Tudor Boyd.

K League standings:

Player	W	L
Francois Kertesz, ORNL	20	1
Joe Lewin, ORNL	19	2
Winfred Collins, Y-12	12	9
Ed Isham, Y-12	9	12
Jim Hallau, Y-12	7	14
Tudor Boyd, Y-12	6	15
Harley Law, Y-12	6	15
Bob Bernard, ORNL	5	16

In the X League Subbu Raman defeated Fred Shull for the full three games, and took two from Roy Huddleston.

X League standings:

Player	W	L
William Motley, Y-12	18	3
Roy Huddleston, Y-12	16	5
Herb Mook, ORNL	15	6
Subbu Raman, ORNL	11	7
Gordon Brewer, Y-12	9	9
Al Norris, Y-12	6	15
Fred Shull, ORNL	6	15
Ralph Einstein, ORNL	2	19

Y action saw Bob Coveyou defeat Stan Cantor for three, and Jerry Hutchins down Tom Baldwin for two.

Y League standings:

Player	W	L
Robert Coveyou, ORNL	16	5
Ram Uppuluri, ORNL	14	4
Ed Gambill, Y-12	13	5
Art Weinberger, ORNL	11	7
Jerry Hutchins, ORNL	7	11
Roy Matheny, ORNL	4	11
Tom Baldwin, ORNL	4	14
Stan Cantor, ORNL	0	12

Playboys Slip In Classic Lead

The Has Beens and Splinters moved up in Classic League standings last week. The Has Beens took three points at the expense of the Screwballs, and the Splinters won four from the Cubs. Other three-point wins went to the Eagles past the Rippers, the Bumpers around the Smelters, the Wasps past the Playboys, the Markers by the Swingsters, and the All Stars over the Eightballs.

The Rebels-Tigers duel ended in a draw, both teams taking two. John Bryan, Rebels, rolled a 233 scratch game, pushed to a 258 handicap single. W. C. Smith, Eagles, posted a 585 scratch series; Frank Adams, Playboys, added a 665 handicap series to his scoreboard.

The Bumpers were best on scratch counting, with singles of 931, series of 2627. The Rebels accounted for handicap highs, singles of 1028, series of 2926.

League standings follow:

Team	W	L
Playboys	32	16
Has Beens	31	17
Splinters	31	17
Rebels	29½	18½
Tigers	28½	19½
Swingsters	28	20
Eagles	28	20
Bumpers	24	24
Wasps	24	24
Markers	23½	24½
All Stars	23	25
Cubs	22	26
Rippers	17½	30½
Eightballs	14	34
Screwballs	14	34
Smelters	14	34

New Drivers Test Set For TV On May 23

Another National Drivers Test will be televised this year. The successful test has been televised twice already. The entirely new test will be narrated by Walter Cronkite.

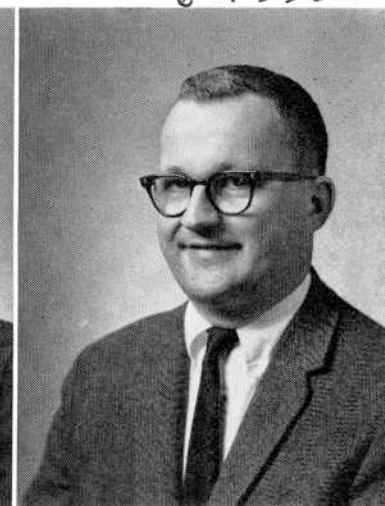
It will be shown Tuesday, May 23, over the CBS television network at 10 p.m. Scoring sheets will be available before that date.

UNNECESSARY BLINDNESS

At the turn of the century, 25 per cent of all children in schools for the blind had been needlessly blind by Ophthalmia Neonatorum, or babies' sore eyes!



Hugh C. Beeson



James W. Hodges

Joint Thesis Brings Post-Graduate Degrees To Hugh Beeson and Jim Hodges

Saturday's commencement exercises at the University of Tennessee saw two Y-12ers take MS degrees in Industrial Management. Hugh C. Beeson and James W. Hodges were awarded their advanced degrees in a ceremony Saturday, March 18 on the UT Campus.

Hodges is in the Engineering Division and Beeson is in Mechanical Design Engineering.

Beeson, a native of Kernersville, North Carolina, took his BS

degree in mechanical engineering from North Carolina State College, Raleigh. He came to Y-12 June 23, 1958.

Beeson lives at 105 Morris Lane. Mrs. Beeson is the former Shirley Haynes, and they have three children, Gina, Myra, and Curt.

Hodges, a native of Detroit, holds a BS degree in mechanical engineering from Yale University. He came here July 10, 1952.

The Hodges' live at 112 Carnegie Drive, Oak Ridge. Mrs. Hodges is the former Frances Herald. They also have three children, Grace Ann, Mary Frances, and James W. Hodges Jr.

The two Y-12ers produced a joint thesis for their degrees, "Factors Affecting Engineering Morale and Productivity."

Congratulations, graduates.



"For, lo! The winter is past, the rain is over and gone; the flowers appear on the earth; the time of the singing of birds is come, and the voice of the turtle is heard in our land." Joining the turtle-dove are several Y-12ers, marking important anniversaries with Union Carbide Corporation. Congratulations.

20 YEARS

Paul C. McRee, Radiation Safety, March 20.

15 YEARS

John B. Money maker, Stores Department, March 14.

William I. Galyon, Tool Engineering, March 17.

Martin L. Gardner, Cafeteria, March 17.

Hal H. Payne, Area Five Maintenance, March 17.

Edgar F. Poe Jr., Electrical Department, March 17.

Bobby F. Rutherford, Radiation Safety, March 17.

Conley B. Stooksbury, Arc Melting Department, March 17.

Harvey E. Coppock, Mechanical Design Engineering, March 20.

Ernest T. Ely Jr., Process Maintenance, March 21.

James K. McCollum, Chemical Services, March 21.

Condon C. Williams, Arc Melting, March 24.

10 YEARS

Joe P. Reavis Jr., Statistical Services, March 18.

John W. Ruthven, Chemical Services, March 18.

Ernest H. Prosis Jr., H-2 and F-Area Shops, March 21.

William H. Woods, M-Wing Shop, March 21.

Dark spots are danger spots.